

U. S. Department of Agriculture
Agricultural Marketing Service
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 9-20-55

Week Ending 9-19-55

WEATHER The week was unseasonably hot and dry until the last day, when cooler air overspread the state. Winds were unusually strong, and there was considerable blowing dust over the eastern portion of the state. Light to moderate rains fell over the northeastern portion of the state over the week end, and moderate to heavy rains over much of the southeast.

CROPS Some further deterioration of dry land corn that was immature occurred last week. Most of the corn had dried up previously and high winds blew off some of the leaves. There was slight damage to corn from frost in the extreme northwestern part of the state. The high temperatures and winds of the past week were unfavorable for irrigated corn. In some favored spots a little dry land corn is being picked for feed. More than the usual acreage was out for the silos.

High winds and high temperatures were rather severe on sorghum for grain and some further deterioration occurred to sorghum that was still green. A few counties reported that rain would still help some of the sorghum that was not damaged too badly.

Seeding of wheat in the panhandle was about 85% completed by the close of the week. About one-third of the seeding has been completed in southwestern Nebraska, mostly on the summer fallow land. Elsewhere in the state very little seeding has been done.

About one-fourth of the rye has been seeded and most of that seeding has been done in the panhandle and southwestern Nebraska with very little seeded elsewhere because of the drought.

The condition of alfalfa was unchanged. Some reports on the seed crop were favorable. Because of the short first and third crops of alfalfa, the total production is down.

Pasture crops show some further deterioration and are generally extremely short except in parts of the west and the sand hill area. The present outlook for fall pasture is very poor, but some improvement is possible with adequate fall rain.

The week end rain was confined largely to the southeastern quarter of the state. Unofficial reports from 20 of the 40 southeastern stations reporting show less than $\frac{1}{2}$ " of moisture. The balance of the reports range from $\frac{1}{2}$ to 1" or more. In most of these areas the moisture is not sufficient for seeding wheat unless additional and substantial rains arrive soon. The entire state needs from 2 to 3" of moisture to put the fields in condition for seeding. The recent rains may bring up some of the volunteer wheat which should be disced out before seeding.

Generally less than one-fourth of the fall seeding of grasses and alfalfa has been done. Most of this seeding was done in western Nebraska and on irrigated land.

Up to the past week end, every county in the state reported surface moisture and subsoil moisture short. Since then there has been some rain in southeastern Nebraska varying from a fraction to an inch or more. There were a few reports of some local rains in the west, but most of the balance of the state received little if any rainfall.

Precipitation for July and August ranged generally from 10 to 40 or 50% of normal in southeastern and southern Nebraska to nearly normal in the panhandle. Northeastern Nebraska fared a little better than southeastern Nebraska.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 19, 1955

Eastern Division	Central Division	Western Division
Grand Island .07	Burwell .10	Chadron 0
Lincoln 1.62	North Platte 0	Imperial .11
Norfolk .44	Valentine .04	Scottsbluff 0
Omaha .79		Sidney 0
Sioux City .04		

Precipitation, April 1-September 16, 1955

	Eastern Div.	Central Div.	Western Div.
Total past week	.03	.03	.17
Total since April 1	11.79	9.99	11.95
Normal since April 1	19.46	16.58	13.18

PERCENT OF NORMAL PRECIPITATION, JULY AND AUGUST, 1955

The map shows the following percentages of normal precipitation for July and August, 1955, by region:

- Northwest:** 86, 160, 98, 74, 134, 42, 63, 54, 11, 67, 44, 60, 22, 49, 94, 34, 44, 65, 19, 25, 104, 39, 12, 28, 69, 61, 99, 54, 42, 62, 82, 85, 55, 69.
- West:** 94, 116, 103, 118, 82, 50, 124, 46, 130, 60, 55, 116, 106, 49, 73, 31, 27, 55, 16, 25, 39, 47, 24, 53, 23, 23, 26, 28, 28, 47.
- Central:** 96, 54, 28, 12, 31, 19, 30, 33, 39, 27, 30, 37, 53, 43, 71, 38, 37, 58, 43, 41, 48, 59, 88, 41, 38, 29, 27, 55, 45, 41, 34, 20, 35, 41, 10, 22, 32, 59, 19, 34, 20, 35, 41, 10, 22, 32.
- East:** 43, 82, 59, 39, 43, 73, 59, 18, 104, 9, 23, 19, 41, 32, 21, 36, 16, 7, 24, 41, 61, 37, 19, 25, 28, 57, 39, 21, 48, 26, 25, 32, 11, 45, 73, 64, 42, 68, 34, 35.

precipitation map for week ending September 16, 1955

Under scored
Reports
Unofficial

		September													
		13th		14th		15th		16th		17th		18th		19th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	92	50	92	43	97	61	96	45	93	52	90	50	80	49
	Scottsbluff	88	51	91	48	94	57	91	52	89	53	82	54	78	59
	Sidney	93	55	93	51	94	58	94	55	90	47	93	56	80	56
NC	Burwell	86	63	97	51	93	63	..	72	97	73	95	65	78	61
	Valentine	90	45	92	62	102	60	92	66	97	68
NE	Norfolk	80	63	97	58	90	70	99	75	96	76	96	75	84	63
	Sioux City	96	63	91	67	98	78	92	74	96	76	85	64
Gen.	Grand Island	85	72	94	63	96	72	97	74	97	75	95	73	79	65
E-C	Lincoln	82	70	95	72	96	75	96	77	95	75	94	69	84	68
	Omaha	80	67	94	65	91	71	97	74	95	74	94	72	89	65
SW	Imperial	94	59	96	55	96	60	100	55	94	68	96	62	96	59
	North Platte	96	55	93	66	97	64	92	71	95	67	83	59

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